

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

<b>COMPANY NAME:</b>	AMERICAN INDUSTRIES, INC.	<b>PRODUCT NAME:</b>	<b>KZ-33 (A)</b>
<b>ADDRESS LINE 1:</b>	4300 Kahn Drive, Box 1405	<b>PRODUCT CODE:</b>	1698
<b>ADDRESS LINE 2:</b>	Lumberton, NC 28359-1405 USA	<b>PRODUCT USE:</b>	Heavy Duty Silicone Spray
<b>TELEPHONE NUMBERS:</b>	800-753-5153 (or) 910-738-7224	<b>SDS FILE ID:</b>	1698.01
<b>EMERGENCY PHONE:</b>	<b>CHEMTREC 1-800-424-9300</b>	<b>SDS DATE:</b>	09-27-18

## SECTION 2: HAZARDS IDENTIFICATION

Classification:	Dissolved Gas	
	Skin Irritant:	Category 2
	Eye Irritant:	Category 2A
	Specific Target Organ Toxicity (Single Exposure):	Category 3
	Carcinogenicity:	Category 1B
	Germ Cell Mutagenicity:	Category 2

### Label elements



Signal word                      Danger

Hazard statement:              Contains gas under pressure; May explode if heated. Causes skin and serious eye irritation. May cause drowsiness and dizziness. May cause cancer. Suspected of causing genetic defects.  
This product contains the following percentage of chemicals of unknown toxicity: 5%

Precautionary statement      Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C). Store in a well-ventilated place. Wash hands thoroughly after handling. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, eye protections, and protective clothing. If exposed or concerned: Get medical advice or attention. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

Hazard(s) not otherwise classified (HNOC)      N/A

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Carbon Dioxide	124-38-9	1-5
Trichloroethylene	79-01-6	55-65
Tetrachloroethylene	127-18-4	25-35

#### SECTION 4: FIRST AID MEASURES

Inhalation	Move to fresh air. If not breathing administer artificial respiration, if breathing is difficult give oxygen.
Skin contact	Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
Eye contact	Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.
Ingestion	Rinse mouth with water. Do NOT induce vomiting unless directed by medical authority. Seek medical attention.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: anesthetic, irritation, central nervous system depression. Oral: abdominal irritation, nausea, vomiting, and diarrhea.
Chronic health hazards	Possible cancer-causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.
Note to physician	Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

#### SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use appropriate media for surrounding fire.
Unsuitable extinguishing media	N/A
Special firefighting procedures	Wear NIOSH approved Self-Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.
Unusual fire and explosion hazards	Contents under pressure. Exposure to temperatures above 120°F may cause bursting.
Hazardous combustion products	Oxides of carbon, chlorine, hydrogen chloride and phosgene.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Use absorbent on spill, sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.
Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Waste solvent likely considered U228 (Trichloroethylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

#### SECTION 7: HANDLING AND STORAGE

Handling and storage	Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120°F (49°C) may cause bursting. Do not puncture or incinerate container. Do not reuse empty container. Wrap container and place in trash collection. Vapor may collect in low lying areas.
Other precautions	Keep out of the reach of children.
Incompatibility	Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Carbon dioxide	5000 ppm	5000 ppm
Trichloroethylene	10 ppm	25 ppm
Tetrachloroethylene	100 ppm	25 ppm
Engineering controls/Ventilation	Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.	
Respiratory protection	Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.	
Personal protective equipment	Safety glasses, gloves and synthetic apron.	
Additional Measures	Wash hands thoroughly after handling.	

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Clear colorless spray.	
Odor	Chlorinated solvent odor.	
Odor threshold	N/D	
Boiling point	<188°F (87°C)	
Freezing Point	N/D	
Flammability	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200).	
Flash point	N/D	
Auto-ignition temperature	N/D	
Upper/lower flammability limits	Lower: N/D	Upper: N/D
Vapor Pressure (mmHg)	59	
Vapor density (Air = 1)	>2	
Evaporation Rate	>3 Fast	
Specific Gravity (H2O=1)	1.475	
pH	N/A	
Solids (%)	5%	
Solubility in Water	0%	
Partition Coefficient:n-Octanol/water (K <sub>ow</sub> )	N/D	
Volatility including water (%)	95%	
VOC	59%	
Dielectric Strength (Volts)	N/D	
Decomposition Temperature	>400°C	
Viscosity	N/D	

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity	Chemically active metals and bases.
Chemical stability	Stable.
Conditions to avoid	Temperatures greater than 122°F (50°C) may cause bursting.
Incompatibility	Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.
Hazardous decomposition or by-product	Oxides of carbon, chlorine, hydrogen chloride and phosgene.
Possible hazardous reactions	None known.

## SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	<b>Tetrachloroethylene</b> (127-18-4) LD <sub>50</sub> (Oral, Rat) 2629 mg/kg; LD <sub>50</sub> (Dermal, Rabbit) > 3228 mg/kg; LD <sub>50</sub> (IPR, Mouse) 4700 mg/kg; LC <sub>50</sub> (Inhalation, Mouse, 4hr) 5200 ppm; LC <sub>50</sub> (Inhalation, Rat, 8hr) 34200 mg/m <sup>3</sup> <b>Trichloroethylene</b> (79-01-6) LD <sub>50</sub> (Oral, Rat) 5,650 mg/kg; Tumorigen, mutagenic reproductive effects in humans.
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.
Ingestion	Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.
Inhalation	Irritation to respiratory tract, dizziness, headache, nausea, depression of central nervous system, prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects, and death.
Skin contact	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
Eye contact	Causes severe irritation, redness, tearing, pain, visual disturbance, may cause eye damage.
Medical condition aggravated	Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses, or central nervous system.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: anesthetic, irritation, central nervous system depression Oral: abdominal irritation, nausea, vomiting, and diarrhea.
Chronic health hazards	Possible cancer-causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.
Carcinogenicity	OSHA; Yes ACGIH: A2-Suspected NTP: 2-Anticipated IARC: 2A-Probable OTHER: CA Prop 65

## SECTION 12: ECOLOGICAL INFORMATION

Ecological information	<b>Tetrachloroethylene</b> (127-18-4) LC <sub>50</sub> (Fathead Minnow, 96hr) 18.4 mg/L; (Daphnia, 48hr) 18 mg/L; (Rainbow Trout, 96hr) 5 mg/L; (Bluegill Sunfish, 96hr) 13 mg/L
Biodegradability	Component or components of this product are not biodegradable.
Bioaccumulation	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	This material is toxic to aquatic life.

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Waste likely considered U228 (Trichloroethylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION 14: TRANSPORT INFORMATION

### DOT

UN number	Aerosols, Ltd. Qty
UN proper shipping name	1950
Transport hazard class(es)	2.2 (6.1)
Packing group	N/A

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

## SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.

CERCLA (Comprehensive response compensation, and liability act): Tetrachloroethylene (127-18-4) Reportable Quantity = 100 lbs

Trichloroethylene (79-01-6) Reportable Quantity = 100 lbs

SARA 311/312 Hazardous categories: Acute health, Chronic health

SARA 313 reportable ingredients: Tetrachloroethylene (127-18-4); Trichloroethylene (79-01-6)

US state regulations: Tetrachloroethylene (127-18-4) and Trichloroethylene (79-01-6) are known to the state of California to cause cancer.

Trichloroethylene (79-01-6) Right-to-Know acts for New York, Rhode Island, Pennsylvania, Florida, Minnesota, Massachusetts, Michigan, New Jersey, Tennessee; Spill Reporting for Massachusetts, New Jersey, Louisiana; Connecticut hazardous material survey; Illinois toxic substances disclosure to employee act

International regulations: Trichloroethylene, CAS 79-01-6, - EC - yes, Japan – yes, Australia – yes, Korea – yes, Canada

DSL – yes, Canada NDSL –no, Philippines – yes.

## SECTION 16: OTHER INFORMATION

**Important Note:** *To be the best of our knowledge, the information contained herein is accurate. However, there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

\*\*\*End of SDS\*\*\*